

# FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

\_\_\_\_\_

Location Map Pinned

☒

Card Indexed

☒

I W R for State or Fee Land

\_\_\_\_\_

Checked by Chief

*R.L.S.*

Copy NID to Field Office

☒

Approval Letter

☒

Disapproval Letter

\_\_\_\_\_

## COMPLETION DATA:

Date Well Completed

*12-20-60*

Location Inspected

\_\_\_\_\_

OW

WW

TA

☒

Bond released

GW

OS

PA

\_\_\_\_\_

State of Fee Land

\_\_\_\_\_

## LOGS FILED

Driller's Log

*1-27-61*

Electric Logs (No.)

*3*

E

I

E-I

☒

GR

GR-N

Micro

☒

Lat

Mi-L

Sonic

☒

Others

\_\_\_\_\_

# THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

## ROCKY MOUNTAIN PRODUCING DIVISION

~~1700 BROADWAY~~

~~DENVER 2, COLORADO~~

P. O. Box 265  
Moab, Utah

October 19, 1960

Mr. C. B. Feight, Secretary  
Utah Oil and Gas Conservation Committee  
310 Newhouse Building  
Dalt Lake City, Utah

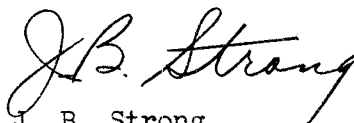
Dear Mr. Feight:

Enclosed in duplicate is the Notice of  
Intention to Drill East Aneth Well No. 28-D1  
located in Section 28, Township 40 South, Range  
26 East, San Juan County, Utah.

The responsibility for filing all reports  
on this well has been transferred to this office,  
so any correspondence should be addressed to  
Moab, Utah.

Yours very truly,

THE PURE OIL COMPANY

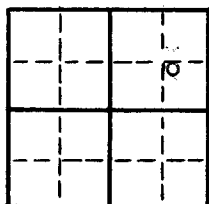


J. B. Strong  
District Chief Clerk

JBS:mc  
Encs.

(SUBMIT IN DUPLICATE)

LAND:



**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**

STATE CAPITOL BUILDING  
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐State .....☐

Lease No. ....

Public Domain .....☐

Lease No. ....

Indian ..... Navajo ☒

Lease No. 14-20-603-2055

Sec. 28 (See Plat attached)

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		
	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 19....., 19..60

East Aneth  
 Well No. 28-D1 is located 710 ft. from {N} line and 780 ft. from {E} line of Sec. 28

NE NE, Sec. 28                      40-S                      26-E                      Salt Lake  
 (¼ Sec. and Sec. No.)                      (Twp.)                      (Range)                      (Meridian)

Aneth                      San Juan                      Utah  
 (Field)                      (County or Subdivision)                      (State or Territory)

The elevation of the ~~surface~~ <sup>ground</sup> above sea level is 5103 feet. (Ungraded)  
 KB elevation will be furnished later.  
 A drilling and plugging bond has been filed with U. S. Government.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

#### Proposed Casing Program:

75' - 13-3/8" Conductor (Cemented to surface)  
 1500' - 9-5/8" Surface casing (Cemented to surface)  
 6000' - 5-1/2" Production string (Approx. 200 sacks)

Principal objective is the Paradox formation;  
 Estimated Total Depth 6,000'.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company..... The Pure Oil Company

Address..... P. O. Box 265

Moab, Utah

By..... *J. B. Strong*  
 J. B. Strong  
 Title..... District Chief Clerk

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

COMPANY PURE OIL COMPANY

Well Name & No. NAVAJO TRACT 158, Well #

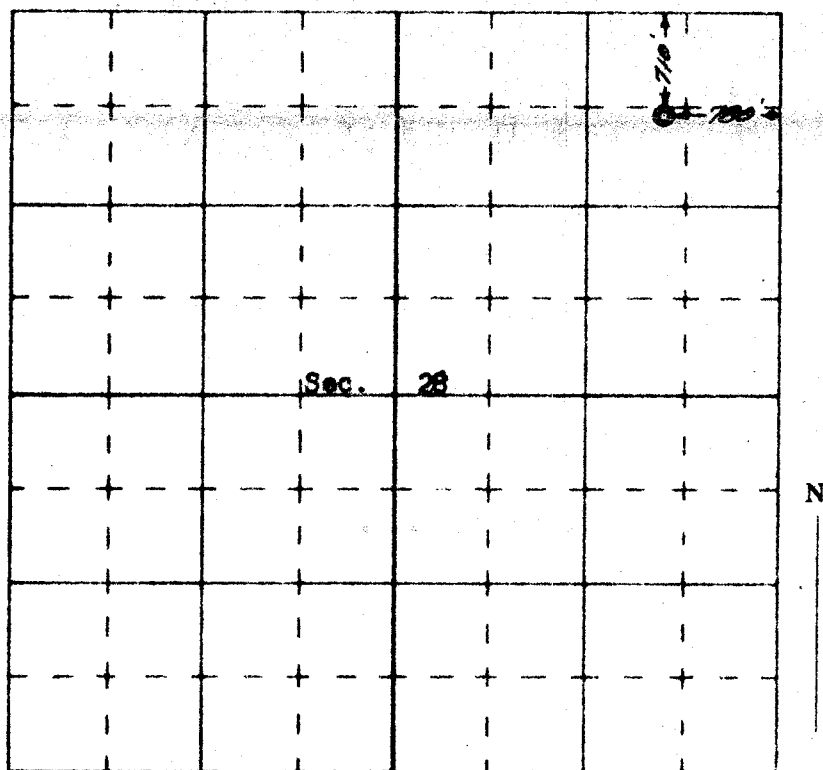
Lease No.

Location 710' FROM THE NORTH LINE & 780' FROM THE EAST LINE

Being in SW NE NE

Sec. "28" T 40 S, R 26 E, S.L.M., San Juan County, Utah

Ground Elevation 5103' ungraded ground



Scale — 4 inches equals 1 mile

Surveyed 3 October

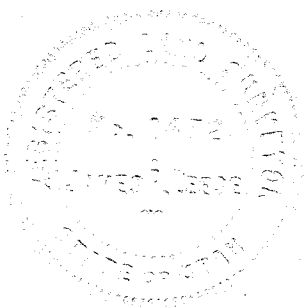
19 60

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*James P. Luese*

Registered Land Surveyor.  
James P. Luese  
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO



October 20, 1960

The Pure Oil Company  
P. O. Box 265  
Moab, Utah

Attention: J. B. Strong, Dist. Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. East Aneth 28-D1, which is to be located 710 feet from the north line and 780 feet from the east line of Section 28, Township 40 South, Range 26 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:awg

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey

H. L. Coonte - OGCC, Moab

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Window Rock  
Navajo Tribal Tract 158  
LEASE NO. 14-20-603-2055

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field East Aneth

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1960,

Agent's address P.O. Box 265 Company The Pure Oil Company

Moab, Utah

Signed [Signature]

Phone Alpine 3-3581

Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NW Sec. 27	40S	26E	27-B1	30	12,067	45.0	11,271	-0-	None	Flowing.
NE NE Sec. 28	40S	26E	28-D1	-0-	Location: 710' FNL and 780' FNL, San Juan County, Utah. Spudded 11-3-60. Drilled to 55'. Set 2 jts. 13-3/8" OD casing at 49' KB measurement with 60 sack regular cement with 2% calcium chloride. Drilled to 1437'. Set 45 jts. 9-5/8" OD 36# casing at 1437' with 60 sack 50-50 Pozmix with 1% gel, 1% walnut shells per sack, 1/2# Flocele and 2% calcium chloride, followed with 100 sacks regular cement with 2% calcium chloride around shoe. Drilled to 5672'. Cored 5672-5836. Drilled to 5860 TD. Drilling completed 11-29-60. Ran electric logs to TD. DST No. 1 5786-5836. Now preparing for DST No. 2.					

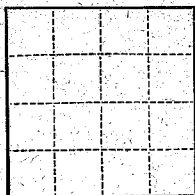
NOTE.—There were See Form 9-361 runs or sales of oil; See Form 9-361 M. cu. ft. of gas sold; runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

(SUBMIT IN TRIPLICATE)

Patent Bureau No. 42-R359.4.  
Patent expires 12-31-60.

Mineral Agency **Navajo**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. **14-20-603-2055**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
<b>Request to temporarily abandon</b>	<b>X</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**January 25,** 19**61**

**East Aneth**

Well No. **28-D1** is located **710** ft. from **[N]** line and **780** ft. from **[E]** line of sec. **28**

**NE NE Sec. 28**  
(1/4 Sec. and Sec. No.)

**40S 26E**  
(Twp.) (Range)

**Salt Lake**  
(Meridian)

**Aneth**  
(Field)

**San Juan**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the ~~surface~~ **ground** above sea level is **5103** ft.  
**KB elevation is 5115'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**TD 5866'**

Tubing pulled and valve installed on head December 20, 1960.

Well temporarily abandoned. Do not wish to plug because the well may be useful in a secondary recovery project at a later date.

The well is properly cased with 5-1/2" OD casing set at 5865', and will not be detrimental or cause any surface or sub-surface damages if left in present condition.

Log of Oil and Gas well is attached.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Pure Oil Company**

Address **Box 265**

**Moab, Utah**

By

**W. W. Weir**

Title

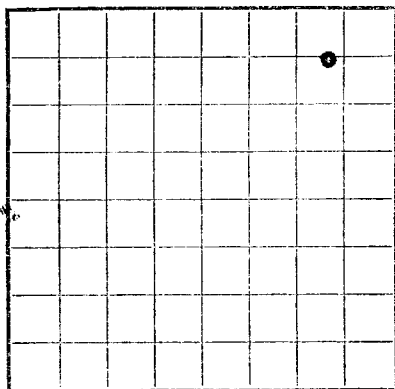
**District Superintendent**

Indian Agency:

Navajo

SPECIAL AGENT  
SERIAL NUMBER 14-27-603-2055

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P.O. Box 265 - Moab, Utah  
 Lessor or Tract U. S. Government Field Aneth State Utah  
East Aneth  
 Well No. 28-11 Sec. 28 T. 40S R. 26E Meridian Salt Lake County San Juan KB 5115'  
 Location 710 ft. N. of N. Line and 730 ft. W. of E. Line of Sec. 23 Elevation Gr. 5103'  
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date January 26, 1961Title District Chief Clerk

The summary on this page is for the condition of the well at above date.

Commenced drilling November 3, 1959 Finished drilling November 29, 1959

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to None No. 4, from None to None  
 No. 2, from None to None No. 5, from None to None  
 No. 3, from None to None No. 6, from None to None

## IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to None  
 No. 2, from None to None No. 4, from None to None

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	168	3-1/8	SS	1137'	Coupling				Cemented to surface
9-5/8"	38	3-1/8	SS	5365'	Float				
5-1/2"	11 1/2	3-1/8	SS	5365'	Float		5730'	5736'	Production

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	127'	60' sx	Halliburton		
9-5/8"	1137'	700' sx	Halliburton		
5-1/2"	5365'	700' ax	Halliburton		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

FOLD MARK



MARK	13-3/8"	49"	60 SX	Halliburton	
	9-5/8"	1137"	700 SX	Halliburton	
	5-1/2"	5365"	700 SX	Halliburton	

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

### SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

### TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

Temporarily Abandoned \_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment.

Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

### EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	40'	40'	Surface sand and shale.
40'	4723'	4683'	Sand and shale.
4723'	4815'	117'	Lime.
4815'	5110'	565'	Lime and shale.
5110'	5521'	111'	Lime.
5521'	5672'	151'	Dolomite.
5672'	5732'	60'	Core No. 1 - See reverse side.
5732'	5792'	60'	Core No. 2 - See reverse side.
5792'	5836'	44'	Core No. 3 - See reverse side.
5836'	5866'	30'	Shale and lime.
		5866'	TOTAL DEPTH

JAN 27 1961

# FORMATION RECORD--Continued

FROM—	TO—	TOTAL FEET	FORMATION
<b>Core No. 1</b>	<b>5672' - 5732'</b>	<b>Cut &amp; Rec. 60'</b>	
2'			Limestone, dark gray, sublithographic, dense.
4'			Anhydrite, gray, xln.
1'			Limestone, dark gray, dense.
3'			Limestone as above and black shale interbedded.
3'			Anhydrite, gray xln.
2'			Shale, black, calcareous.
17'			Anhydrite, gray, xln, with inclusions of dolomite, gray brown, no visible porosity, slight odor and fluorescence.
6'			Dolomite, light brown, earthy, no visible porosity, slight stain, odor and fluorescence.
11'			Limestone, gray, fine xln, dense.
8'			Dolomite, brown, fine, sucrosic, some visible vugular porosity, stain, odor and bright yellow fluorescence.
3'			Limestone, gray, fine xln, dense, anhydritic.
<b>Core No. 2</b>	<b>5732' - 5792'</b>	<b>Cut &amp; Rec. 60'</b>	
8'			Limestone, gray-brown, fine xln, dolomitic, with fractured vuggy porosity, slight bleeding oil and salt water, some anhydrite inclusions.
35'			Limestone as above, interbedded with streaks of dolomite, gray-brown, no visible porosity, slight stain and odor, with anhydrite inclusions, with fair vuggy porosity.
3'			Shale, black, calcareous.
2.5'			Limestone, gray, fine xln, dense.
2.5'			Limestone, gray-brown, fine xln, with good oolitic porosity, bleeding oil and salt water, very spotty fluorescence.
5'			Limestone, gray, fine xln, dense, very fractured.
1'			Limestone as above with fair vuggy porosity, bleeding oil and salt water, fair fluorescence, very fractured.
2'			Lime as above, dense, very fractured.
1'			Lime as above, with fair vuggy porosity, bleeding oil and salt water, fair fluorescence, very fractured.
<b>Core No. 3</b>	<b>5792' - 5836'</b>	<b>Cut &amp; Rec. 44'</b>	
2'			Limestone, gray, fine xln, fair vugular porosity, good stain and fluorescence.
3'			Limestone as above, dense.
16'			Limestone as above with good vugular porosity, with fair stain and fluorescence.
14'			Dolomite, gray-brown, earthy, no visible porosity, fair stain and odor.
5'			Limestone, dark gray, argillaceous, dense.
4'			Shale, black, calcareous.
(Entire core very slightly bleeding oil.)			
LOGS USED			
<b>Halliburton DST No. 1, 5786' - 5836'. Tool open one hour with a fair blow. Recovered 150' heavy oil and gas out mud and 400' gas cut salt water. Pressures: 30 minute ICI 1970, 30 minute FCI 1525, IF 85, FF 250, IH 3270, FH 3240.</b>			
<b>Halliburton DST No. 2, 5705' - 5782'. Tool open one hour with a very faint blow which continued throughout test. Recovered 10' of drilling mud. Pressures: IH 3145, 45 minute ICI 1820, 45 minute FCI 1100, IF 15, FF 30 FH 3100.</b>			
<b>Halliburton DST No. 3, 5782' - 5814'. Straddle packers. Tool open one hour with a good blow throughout test. Recovered 90' of oil and gas out mud, 370' gas cut muddy salt water. Pressures: IH 3272, 30 minute ICI 1912, IF 85, FF 212, 30 minute FCI 1492, FH 3230.</b>			
<b>Perforated 5-1/2" OD casing 5730' - 5736' with 4 bullets per foot.</b>			



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TR. ATE\*  
(Other instruction on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR <b>TEXACO Inc.</b>	3. ADDRESS OF OPERATOR <b>Box 810, Farmington, N.M., 87401</b>	5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-2055</b>	6. INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	7. UNIT AGREEMENT NAME <b>Isaac-Flodine Park</b>	8. FARM OR LEASE NAME	9. WELL NO. <b>V128</b>	10. FIELD AND POOL, OR WILDCAT <b>Isaac</b>	11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA <b>28, T40S, R26E, SLM</b>	12. COUNTY OR PARISH <b>San Juan</b>	13. STATE <b>Utah</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5115' DF</b>										

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <b>Convert to water inject. X</b>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Proposed remedial work is for the purpose of converting well from producing to water injection status. Procedure for workover will be as follows:

Drill out to 5835' and perforate casing from 5805' to 5822'. Treat perforations 5805' to 5822' with 500 gallons of 15% HCl acid followed by 5000 gallons of 28% HCl acid. Treat perforations 5730' to 5790' with 1500 gallons of 28% HCl acid. Run plastic coated tubing with retainer set at 5680' and commence water injection.

APPROVED BY UTAH OIL AND GAS  
CONSERVATION COMMISSION

DATE: 1-28-66 by

CHIEF PETROLEUM ENGINEER

18. I hereby certify that the foregoing is true and correct

SIGNED E. C. HALLTITLE District Superintendent DATE 1-28-66

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

COMMISSIONERS

C. S. THOMSON  
CHAIRMAN

C. R. HENDERSON  
M. V. HATCH  
J. H. REESE  
D. M. DRAPER

EXECUTIVE DIRECTOR  
C. B. FEIGHT



PETROLEUM ENGINEERS  
PAUL W. BURCHELL  
CHIEF ENGINEER

THE STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH 84111  
DAvis 8-5771

March 17, 1966

Texaco, Inc.  
P. O. Box 810  
Farmington, New Mexico

Gentlemen:

On January 26th and 28th we received Notices of Intention to Convert the following wells to Water Injection. However, as of this date, we have not received subsequent reports on the operations conducted:

Ismay Flodine Park Unit No. T 118,  
Sec. 18, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 316,  
Sec. 16, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 318,  
Sec. 18, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 122,  
Sec. 22, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 117,  
Sec. 17, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. V 128,  
Sec. 28, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 119,  
Sec. 19, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. Q 413,  
Sec. 13, T. 40 S., R. 25 E.

Ismay Flodine Park Unit No. T 120,  
Sec. 20, T. 40 S., R. 26 E.

Ismay Flodine Park Unit No. T 121,  
Sec. 21, T. 40 S., R. 26 E.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN  
RECORDS CLERK

arh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water injection well</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-2035</b>	
2. NAME OF OPERATOR <b>TEXACO Inc.</b>		6. INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	
3. ADDRESS OF OPERATOR <b>Box 810, Farmington, New Mexico 87401</b>		7. UNIT AGREEMENT NAME <b>Isany-Flodine Park</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>710' from North line and 780' from East line</b>		8. FARM OR LEASE NAME <b>---</b>	
14. PERMIT NO.		9. WELL NO. <b>V128</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3115' DF</b>		10. FIELD AND POOL, OR WILDCAT <b>Isany</b>	
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA <b>28, T40S, R26E, S1M</b>	
		12. COUNTY OR PARISH <b>San Juan</b>	
		13. STATE <b>Utah</b>	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☒ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

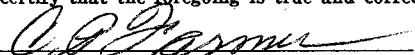
Reason for remedial work was to convert well from temporary abandoned to water injection status.

Commenced workover 1-31-66

Perforated 5½" casing from 5805' to 5822' with 2 jet shots per foot. Treated perforations 5805' to 5822' with 500 gallons of 15% HCL acid. Acid communicated to upper perforations at 5000 PSI. Reset packer and attempted to treat perforations. Acid communicated again. Reset packer and treated perforations 5730' to 5736', 5767' to 5770', 5787' to 5790' and 5805' to 5822' with 6500 gallons of 28% HCL acid with an injection rate of 6 barrels per minute. Maximum treating pressure was 5000 PSI. Instant shut in pressure was 3000 PSI. Ran plastic lined tubing with injection packer and set packer at 5665'. On test ending 3-14-66, injected 288 barrels of water in 24 hours with an injection tubing pressure of 2250 PSI.

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

District Superintendent

DATE

March 18, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

FORM NO. DOGM-UIC-1

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5)

## IN THE MATTER OF THE APPLICATION OF

Texaco Inc.

ADDRESS P. O. Box EE

Cortez, Colorado ZIP 81321

INDIVIDUAL PARTNERSHIP CORPORATION ☒

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR

INJECT FLUID INTO THE IFPU - V128 WELL

SEC. 28 TWP. 40S RANGE 26E

San Juan

COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐

## APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name Ismay-Flodine Park	Well No. V128	Field Ismay	County San Juan
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 NE 1/4</u> Sec. <u>28</u> Twp. <u>40S</u> Rge. <u>26E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>3-14-66</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of IFPU Producing Wells Injection Source(s) <u>3 Source wells</u>		Geologic Name(s) <u>Ismay +/- 5600</u> and Depth of Source(s) <u>Salt Wash, Entrada &amp; Navajo</u> <u>490'-1215'</u>	
Geologic Name of Paradox-Ismay Injection Zone		Depth of Injection Interval <u>5730 to 5822</u>	
a. Top of the Perforated Interval: <u>5730</u>	b. Base of Fresh Water: <u>1000'</u>	c. Intervening Thickness (a minus b) <u>4730'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>Sandstone, Limestone, Anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum <u>500 B/D</u> <u>2300 PSI</u>			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>The Navajo Tribe</u> <u>Box 146</u> <u>Window Rock, Arizona 86515</u>			

State of ColoradoCounty of Montezuma

Before me, the undersigned authority, on this day personally appeared Alvin R. Marx  
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly  
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th day of Dec., 19 83My commission expires 10/25/87Notary Public in and for Colorado(OVER) 728 N. Beech, Cortez, Co. 81321

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed) 14-20-603-2055

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

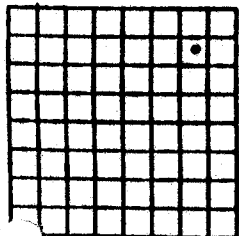
DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

API NO

840 Acres



Locate Well Correctly and Outline Lease

COUNTY San Juan SEC. 28 TWP. 40S RGE. 26E

COMPANY OPERATING Texaco Inc.

OFFICE ADDRESS P. O. Box EE

TOWN Cortez STATE Colo ZIP 81321

FARM NAME Ismay-Flodine WELL NO. V128

DRILLING STARTED 12-19-60 DRILLING FINISHED DEC 19 60

DATE OF FIRST PRODUCTION 12-20-60 COMPLETED 12-20-60

WELL LOCATED NE 1/4 NE 1/4 NE 1/4

710 FT. FROM NE 1/4 OF SEC. 28 & 780 FT. FROM NE 1/4 OF SEC. 29

ELEVATION DERRICK FLOOR 5115 GROUND 5103

TYPE COMPLETION

Single Zone ISMAI Order No. NA

Multiple Zone                      Order No.                     

Commingled                      Order No.                     

LOCATION EXCEPTION                      Order No.                      Penalty                     

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Ismay</u>	<u>5730</u>	<u>5822</u>			

CASING & CEMENT

Casing Set				Cap. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Set	Fillup	Top
<u>13 3/8"</u>	<u>48</u>		<u>49</u>		<u>60</u>		
<u>9 5/8"</u>	<u>36</u>		<u>1437</u>		<u>700</u>		
<u>5 1/2"</u>	<u>14</u>		<u>5865</u>		<u>200</u>		

TOTAL DEPTH 5866

PACKERS SET DEPTH 5665

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
SPACING & SPACING ORDER NO.	<u>Ismay</u> 80 acre	<u>Ismay</u>	
CLASSIFICATION (Oil; Gas; Dry; Inf. Well)	<u>OIL</u>	<u>3-14-66</u> <u>Conv. TO W.I.</u>	
PERFORATED	<u>5730-5736</u>	<u>5730-5736</u>	
INTERVALS	<u>5767-5770</u>	<u>5767-5770</u>	
	<u>5787-5790</u>	<u>5787-5790</u>	
		<u>5805-5822</u>	
ACIDIZED?	<u>10,000 gal. HCl</u>	<u>500 gal. 15% HCl</u>	
		<u>6500 gal. 28% HCl</u>	
FRACTURE TREATED?			

INITIAL TEST DATA

Date

Oil, bbl./day

Oil Gravity

Gas, Cu. Ft./day

Gas-Oil Ratio Cu. Ft./Bbl.

Water-Bbl./day

Pumping or Flowing

CHOKE SIZE

FLOW TUBING PRESSURE

<u>3-22-61</u> <u>Temp. Abandoned</u>	<u>3-14-66</u>	

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 1-303-565-8401 Alvin R. Mary Field Supt

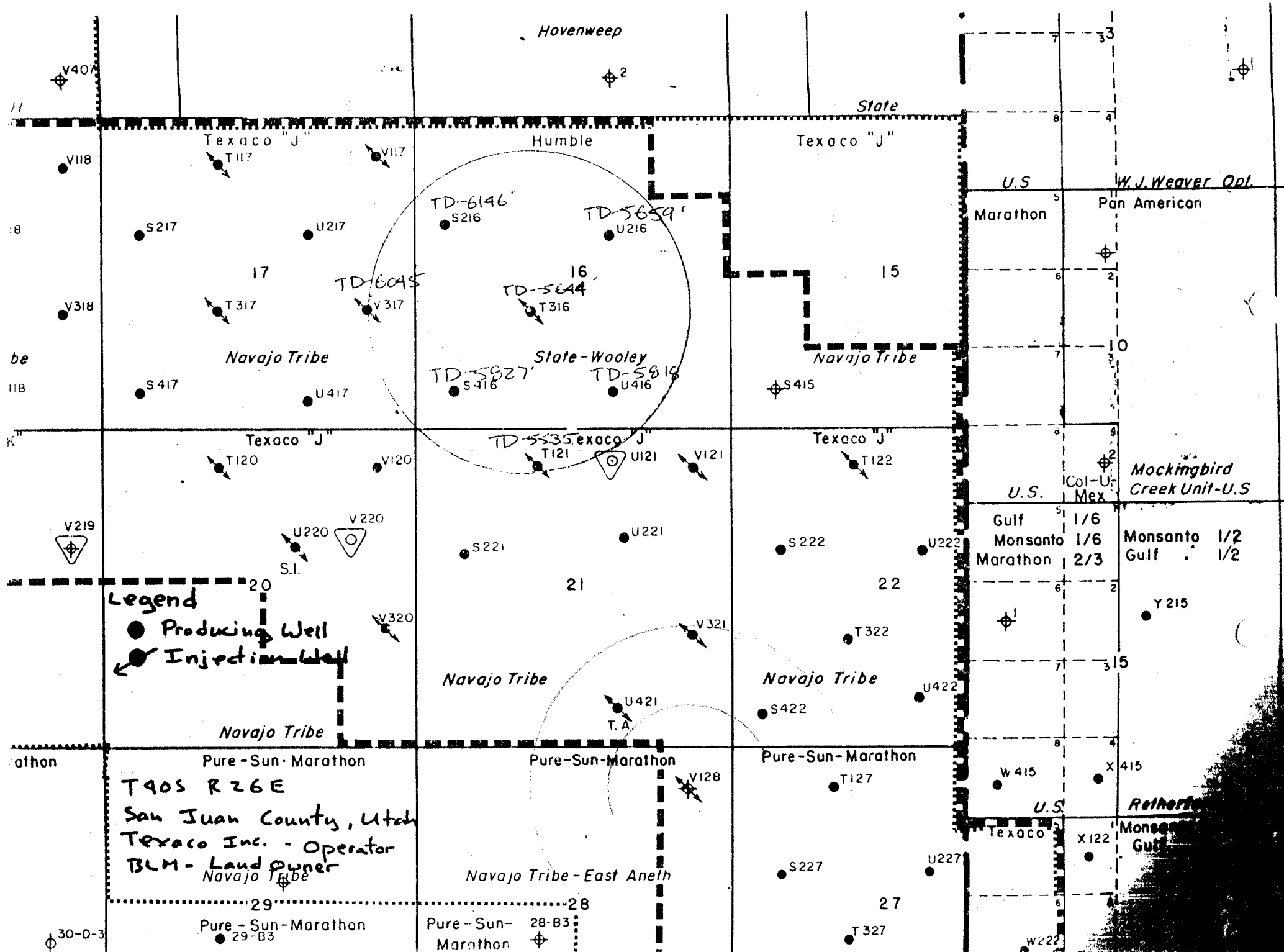
State of Colorado Name and title of representative of company

County of Montezuma 16th day of December, 1963

Subscribed and sworn before me this 16th day of December, 1963

My Commission expires 10/25/87  
Joe D. Ray  
728 N. Beech, Cortez, Co. 81321





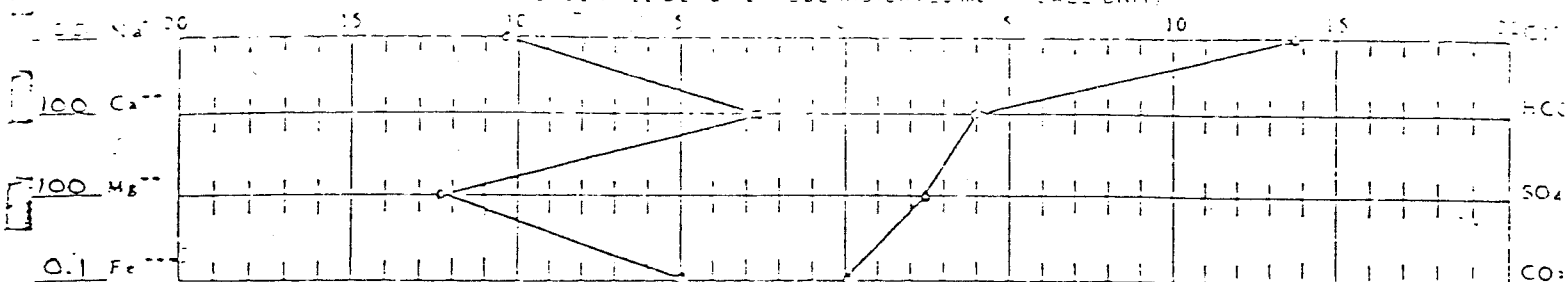
# NL Treating Chemicals/NL Industries, Inc.

P.O. Box 1675, Houston, Texas 77001

## WATER ANALYSIS REPORT

COMPANY <b>TEXACO, INCORPORATED</b>						SHEET NUMBER <b>1</b>
DATE <b>5 APRIL 1982</b>						
FIELD <b>ANETH</b>				COUNTY OR PARISH <b>SAN JUAN</b>	STATE <b>UTAH</b>	
WELL NAME OR NO. <b>ANETH</b>		WATER SOURCE INFORMATION <b>INJECTION WATER</b>				
DEPTH, FT.	ENT, F.	SAMPLE SOURCE <b>PLANT</b>	TEMP, F.	WATER, GPD/DAY	OIL, GPD/DAY	
DATE SAMPLED <b>6 APRIL 1982</b>		TYPE OF WATER <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input checked="" type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER - 2				

WATER ANALYSIS PATTERN  
NUMBER OF DEVIATION SYMBOL INDICATES ME IN SCALE UNIT



### DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	392.0	
Calcium, Ca <sup>++</sup>	268.0	5360.0
Magnesium, Mg <sup>++</sup>	124.0	1519.0
Iron (Total) Fe <sup>+++</sup>	0.5	10.0
Serium, Sr <sup>++</sup>	—	1.0
Sodium, Na <sup>+</sup> (calc.)	1035.1	23807.3
ANIONS		
Chloride, Cl <sup>-</sup>	1360.3	49100.0
Sulfate, SO <sub>4</sub> <sup>-</sup>	24.5	1175.0
Carbonate, CO <sub>3</sub> <sup>-</sup>	0.0	0.0
Bicarbonate, HCO <sub>3</sub> <sup>-</sup>	4.0	224.0
Hydroxyl, OH <sup>-</sup>	0.0	0.0
Sulfide, S <sup>-</sup>	18.8	300.0

### DISSOLVED GASES

Hydrogen Sulfide, H <sub>2</sub> S	337.5 mg/l*
Carbon Dioxide, CO <sub>2</sub>	185.0 mg/l*
Oxygen, O <sub>2</sub>	1.0 mg/l*

### PHYSICAL PROPERTIES

pH	6.65
EH (Redox Potential)	N.D. MV
Specific Gravity	N.D.
Turbidity, JTU Units	N.D.
Total Dissolved Solids (calc.)	81385.3 mg/l*
Calc. Index	± 77 F
	± 140 F
CaSO <sub>4</sub> Solubility	± 77 F
	± 176 F
Max. CaSO <sub>4</sub> Possible (calc.)	306.6 me/l*
	306.8 me/l*
Max. BaSO <sub>4</sub> Possible (calc.)	24.5 me/l*
	1.0 mg/l*
Residual Hydrocarbons	N.D. ppm/l

### SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide ☐ Iron Oxide ☐ Calcium Carbonate ☐ Acid Insoluble ☐

### REMARKS AND RECOMMENDATIONS:

WATER SHOWS A TENDENCY TOWARD SCALING; PREMARILY CALCIUM CARBONATE

\* NOTE: me/l and mg/l are comm used interchangeably for epm and respectively. Where epm and ppp used, corrections should be mod specific gravity.

ENGINEER <b>MARK BROTHERS</b>	DIST. NO. <b>12</b>	ADDRESS <b>CARMINGTON, N.M.</b>	OFFICE PHONE <b>505-325-5701</b>	HOME PHONE <b>505-325-</b>
----------------------------------	------------------------	------------------------------------	-------------------------------------	-------------------------------

INSTRUCTIONS - CANCELS LETTER: SIOF

SIGNED BY

TEXACO

☐ PERMANENT☐ ROUTINE☐ TEMPORARY

19

(LOCATION)

(DATE)

Subject: Water Analysis from  
Navajo Aquifer

Aneth Unit H415

Location - SE 1/4 - SE 1/4 Sec 15, T40S, R24E

Sample Date - 1-17-59

Depth - Navajo Aquifer

Temp - 67°F

Ph - 8.7

Total Dissolved Solids - 2573 ppm

SiO<sub>2</sub> - 16 ppmCO<sub>3</sub><sup>=</sup> - 130 ppmCa<sup>+</sup> - 7 ppmHCO<sub>3</sub><sup>-</sup> - 156 ppmMg<sup>++</sup> - 28 ppmSO<sub>4</sub><sup>=</sup> - 599 ppmNa<sup>+</sup> - 76 ppmCl<sup>-</sup> - 757 ppm

Aneth Unit G422

Location - SW 1/4 - SE 1/4 Sec 22, T40S, R24E

Sample Date - 1-18-59

Depth - Navajo Aquifer

Temp - 67°F

Ph - 9.2

Total Dissolved Solids - 2823 ppm

SiO<sub>2</sub> - 17 ppmCO<sub>3</sub><sup>=</sup> - 925 ppmCa<sup>+</sup> - 6 ppmHCO<sub>3</sub><sup>-</sup> - 912 ppmMg<sup>++</sup> - 8 ppmSO<sub>4</sub><sup>=</sup> - 265 ppmNa<sup>+</sup> - 915 ppmCl<sup>-</sup> - 271 ppm\* Note: these numbers were obtained from Texaco Files  
in the Denver Division officesIf letter requires reply prepare in triplicate, for-  
warding original and duplicate, and retain copy.

P.O. Box 2100

Denver, CO  
80201

By

# CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Texaco Well No. San Juan Park V128  
 County: San Juan T 40S R 26E Sec. 28 API# 43-037-16464  
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well X

UIC Forms Completed

Plat including Surface Owners, Leaseholders,  
and wells of available record

Schematic Diagram

Fracture Information

Pressure and Rate Control

Adequate Geologic Information

Fluid Source

Analysis of Injection Fluid

Analysis of Water in Formation  
to be injected into

Known USDW in area

Number of wells in area of review

Aquifer Exemption

Mechanical Integrity Test

YES

NO

✓

✓

✓

✓

✓

✓

San Juan

Yes

No

TDS 81385

Yes

No

TDS 81385

San Juan

Depth 1000

5

Prd. 3

P&A 0

Water 0

Inj. 2

Yes

NA

✓

Yes

No

✓

Date

Type

Comments:

Reviewed by:

CHJ

WELL

V-128

OPERATO

TEXACO

LOCATION

28-40S-~~22E~~

43037

26E

16466

COMMENTS

COUNTY

SAN JUAN

13 3/8 @49'

9 5/8 @1437'

2 7/8 TUBING  
PACKER AT 5885'

5 1/2 @ 5885

PERFS AT

5730-5822

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved  
Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Injection <input checked="" type="checkbox"/>		6. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2055	
2. NAME OF OPERATOR Texaco Inc.		7. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P.O. Box EE, Cortez, CO. 81321		8. UNIT AGREEMENT NAME Ismay-Flodine Park	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 710' FNL & 780' FEL		9. FARM OR LEASE NAME	
14. PERMIT NO. 43-037-16466		10. WELL NO. V128	
15. ELEVATIONS (Show whether DT, RT, UN, etc.) 5115' DF		11. FIELD AND POOL, OR WILDCAT Ismay	
		12. SEC., T., R., OR ALLE. AND SURVEY OR AREA Sec. 28, T40S, R26E SLM	
		13. COUNTY OR PARISH San Juan	
		13. STATE Utah	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Shut-In <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

V128 is currently a shut-in injector. Texaco Inc. requests approval for extending the shut-in period due to possible tertiary recovery methods currently being considered.

18. I hereby certify that the foregoing is true and correct

SIGNED Ph R. Mary TITLE Area Supt. DATE 8/1/85

(This space for Federal or State office use)

APPROVED BY Norm C. Ferguson TITLE VLC Manager DATE 8-9-85

CONDITIONS OF APPROVAL, IF ANY:

BLM (4) - HOGCC (3) - Navajo Tribe - INH-AIS-ARM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or recomplete a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

AUG 24 1990

DIVISION OF  
OIL, GAS & MINING

5. Lease Designation and Serial No.

14-20-603-2055-A

6. If Indian, Allottee or Tribe Name

Navajo Tribe

7. If Unit or CA, Agreement Designation

Ismay-Flodine Park Unit

8. Well Name and No.

V128

9. API Well No.

4303716466

10. Field and Pool, or Exploratory Area

Ismay

11. County or Parish, State

San Juan County, Utah

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Injection

2. Name of Operator

Texaco Inc.

3. Address and Telephone No.

3300 N. Butler, Farmington N.M. 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

710' FNL & 780' FEL  
Sec. 28, T40S, R26E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

TEXACO INC. proposes to plug and abandon the subject well as described by the attached procedure.

( SEE ATTACHMENT )

OIL AND GAS	
DFN	RIF
JTB ✓	1- GTH ✓
PIS	SLS
2-Dmg ✓	
MICROFILM	
2- FILE	

14. I hereby certify that the foregoing is true and correct

Signed Alan A. Kleier

Title Area Manager

Date 8/17/90

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any: Federal approval of this action is required before commencing operations

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 8-31-90

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ATTACHMENT

ISMAY - FLODINE PARK UNIT # V128  
PLUGGING PROCEDURE

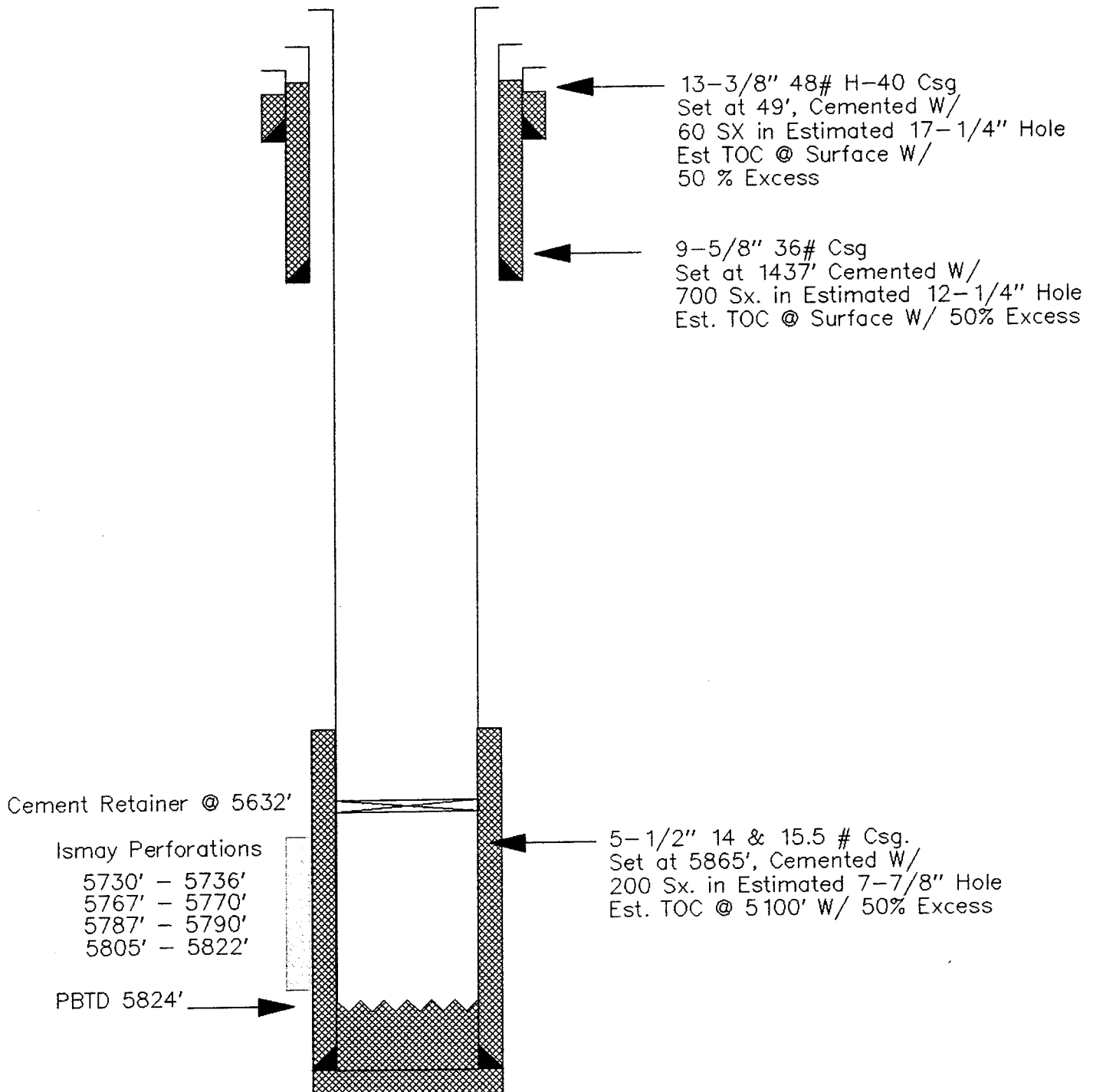
- 1) MIRU pulling unit, install BOP W/ 2-3/8" pipe rams and blind rams. TIH W/ stinger for cement retainer on 2-3/8" tubing; sting into retainer at 5632'.
- 2) Pump 60 sx API Class B (or G) neat cement (5.2 gal water/sx, 1.18 Cu Ft./sx) down tubing. Sting out and reverse out excess cement. Load bottom of hole with 32 bbl 10 ppg mud. TOH W/ tubing.
- 3) Rig up wireline and shoot 2 squeeze holes at 4770' (Hermosa). RIH W/ wireline set Cement Ret. and set at 4670'. RIH W/ tubing and sting into retainer. Pump 55 sx class B cement down tubing; flush tubing with 18 Bbls. Sting out and reverse out excess cement. Load bottom of hole with mud. TOH W/ tubing.
- 4) Shoot 2 squeeze holes at 2880' (De Chelly). Follow step 3) except set retainer at 2780' and flush tubing with 11 Bbls.
- 5) Shoot 2 squeeze holes at 1780' (Chinlee). Set cement retainer at 1680' and try to establish circulation, if established, bring cement to surface; otherwise pump 55 sx. Flush tubing with 6 Bbls 10 ppg mud. Pull out of retainer and pump 33 Bbls 10 ppg mud.
- 6) Spot 50' surface plug ( 7 sx ) in 5-1/2" casing, cut off wellhead, erect marker, remove injection line and deadmen, and clean location.

10 ppg mud = 1 sx Barite / bbl fresh water, Yield =  
1.06



# ISMAY-FLODINE PARK UNIT V128

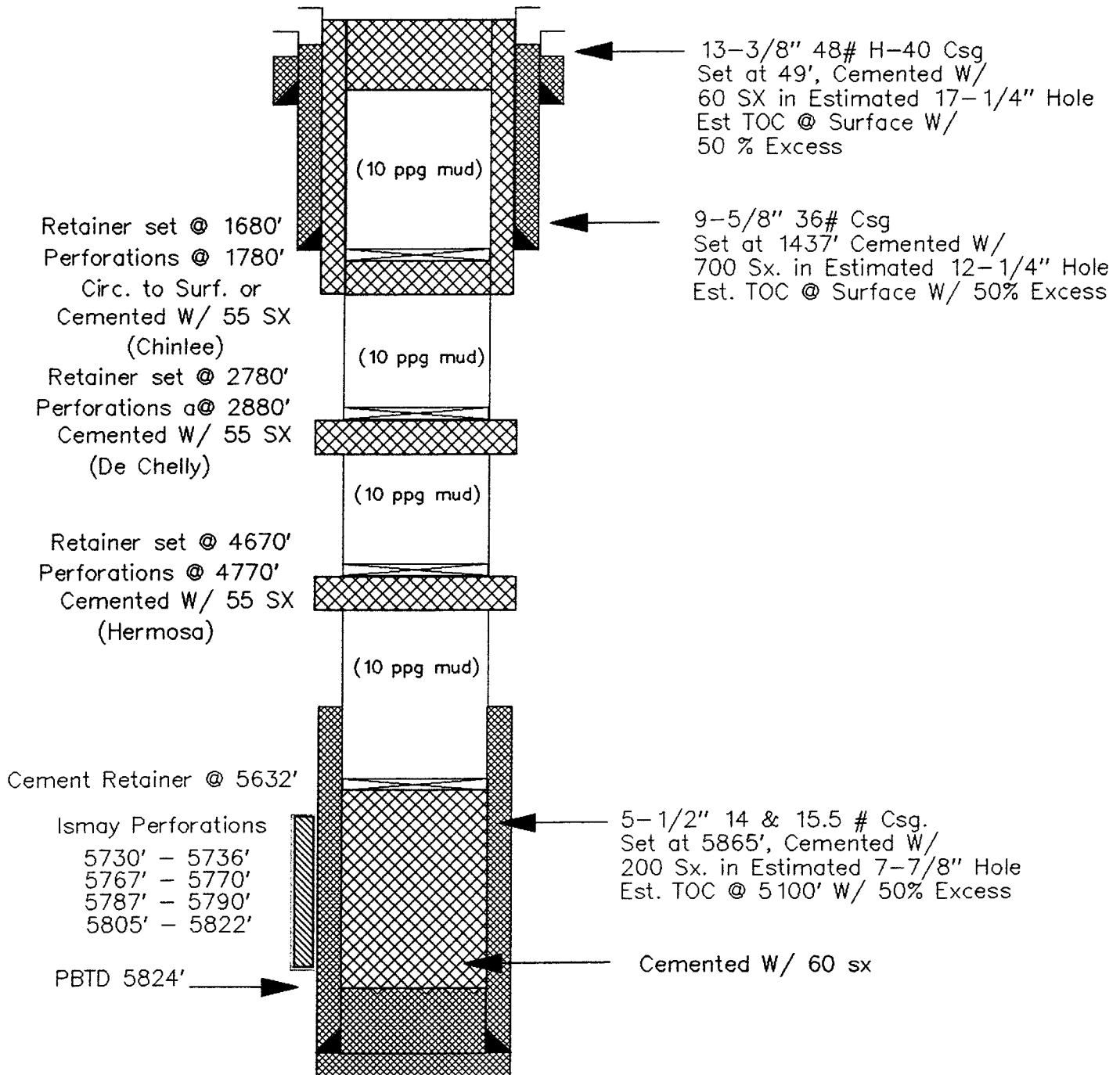
PRESENT CONDITION



8/6/90

# ISMAY-FLODINE PARK UNIT V128

PRESENT CONDITION



8/6/90

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED

MAR 18 1991

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other INJECTION

2. Name of Operator  
Texaco Inc.

3. Address and Telephone No.  
3300 N. Butler, Farmington N.M. 87401 (505) 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
710' FNL, & 780' FEL  
NE/NE Sec. 28, T40S/R26E

5. Lease Designation and Serial No.  
14-20-603-2055-A

6. If Indian, Allottee or Tribe Name  
Navajo Tribe

7. If Unit or CA, Agreement Designation  
Ismay-Flodine Park Unit

8. Well Name and No.  
V128

9. API Well No.  
43-037-16466 PA

10. Field and Pool, or Exploratory Area  
Ismay

11. County or Parish, State  
San Juan County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-13-90 TIH W/ 2-3/8" tbg. and sting into cmnt. ret. at 5632'. Pump 60 Sx. class 'B' neat cmnt at 1.4 BPM and 2094 psi. Flush tubing and filled annulus W/10 ppg mud. TOH. RU WL service and shoot 4 way sqz holes @4770'. TIH W/ wireline-set cmnt ret. and set at 4670'. TIH W/stinger on tubing, sting into ret. Couldn't pump into sqz holes @ 2200 psi. BLM man on location, Mr. Ray Snow, said to spot cmnt on ret. Spotted 30 Sx. cmnt on ret. (219'). Pump 10 ppg mud to 2780'. TIH W/ wireline and shoot 4 sqz holes at 2880', set wireline-set ret. at 2780'. TIH W/ tbg and sting into ret. Couldn't pump into ret. at 2500 psi. Mr. Snow W/ BLM said to spot cmnt on top of ret. Spotted 25 Sx. class 'b' neat on ret.(182'). Circ. to surf with 10 ppg mud. TOH. RIH W/ wireline and shoot 4 sqz holes at 1780'. RIH W/ wireline-set cmnt ret. and set at 1680'. Sting into ret. and broke circ. to surf. between 5-1/2" and 9-5/8" csg. TIH W/ stinger on tbg and circ hole clean. Sting into ret. and broke circ. to surf. at 2.2 BPM @ 225 psi.

11-18-90 RU HLS, pumped 419 Sx. class 'B' down tbg. Circ 7 BBls to surface at 2.2 BPM and 225 psi. Spot 1/2 BBl on ret. Load hole W/ 10 ppg mud. TOH W/ tbg. Set tbg at 60' and pumped 33 Sx. surface plug. TOH W/ tbg. Cut off wellhead, Removed deadmen, and classified P & A. (Will reclaim location in spring) FINAL REPORT

14. I hereby certify that the foregoing is true and correct

Signed Alan C. Kleier Title Area Manager Date 3/7/91

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side